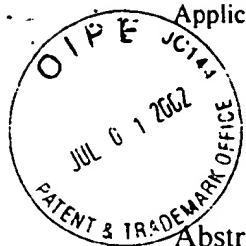


Clean Version of the Replacement Abstract for Entry during Prosecution of US
Application No. 09/594,972

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Abstract

An element is provided for the determination of an analyte by a specific binding reaction of two bioaffine binding partners. The element enables liquid transport between a sample application zone and a detection zone downstream thereof as well as a zone containing immobilized analyte or analyte analogue between the sample application and detection zones. An impregnated conjugate 1 is located upstream of the zone containing immobilized analyte or analyte analogue that can be detached by liquid and includes a bioaffine binding partner 1 capable of a specific binding reaction with the analyte and a low molecular organic molecule detectable label 1. A universal conjugate 2 is upstream of the zone containing immobilized analyte or analyte analogue which can also be detached by liquid and is composed of a bioaffine binding partner 2 capable of a specific binding reaction with the detectable label 1 and a visually detectable label 2.



Abstract

"The invention concerns an" --An-- element --is provided-- for the determination of an analyte "in a liquid" by "means of" a specific binding reaction of two bioaffine binding partners--. The element--

"containing in or on material which" enables liquid transport between "zones," a sample application zone "(1)" and a detection zone "(4) located" downstream thereof

as well as a zone "(3)" containing immobilized analyte or analyte analogue between the sample application "zone (1)" and detection "zone (4)"--zones.--

"and an" --An-- impregnated conjugate 1 --is-- located upstream of the zone "(3)" containing immobilized analyte or analyte analogue that can be detached by liquid and --includes-- "is composed of" a bioaffine binding partner 1 capable of a specific binding reaction with the analyte "to be determined" and a --low molecular organic molecule-- detectable label 1 ",

which is characterized in that

the detectable label 1 is a low molecular organic molecule

and a" --. A-- universal conjugate 2 is "present" upstream of the zone "(3)" containing immobilized analyte or analyte analogue which can also be detached by liquid and is composed of a bioaffine binding partner 2 capable of a specific binding reaction with the detectable label 1 and a visually detectable label 2.

"The invention additionally concerns the use of an element according to the invention to determine an analyte and a kit to determine an analyte containing an element according to the invention and an elution agent."